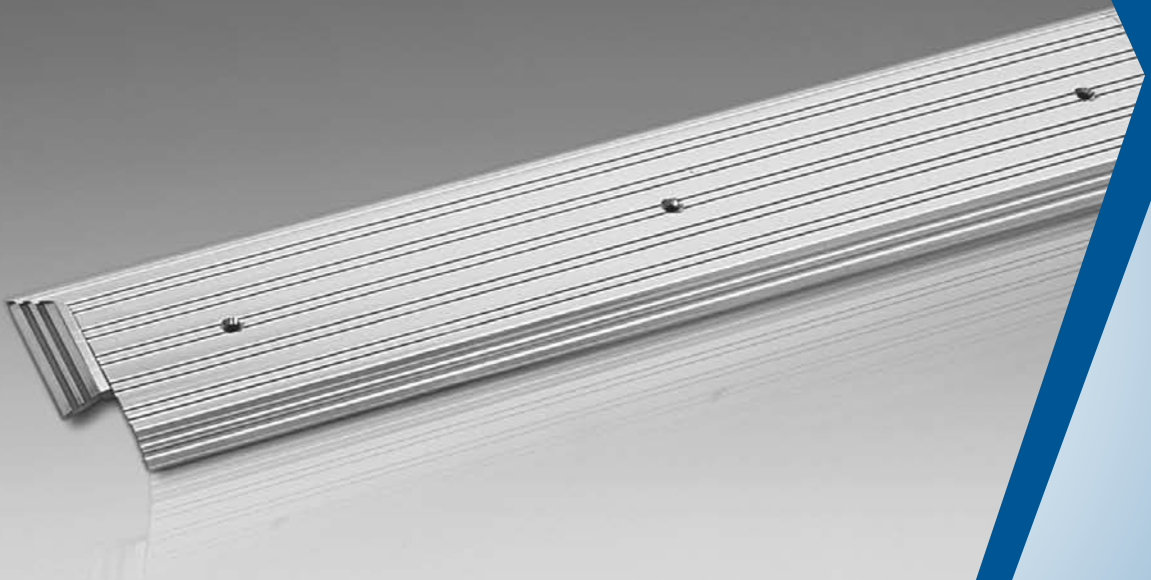
Thresholds

Finishing Touch for Floor Closer Installations



RIXSON

ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

Rixson® thresholds add the finishing touch to the concealment of floor closers and pivot sets.

Ordering the thresholds with the floor closer/pivot
- You are guaranteed that all the valve holes will be in the correct locations
- Thresholds will have separate sections to allow access to the closer

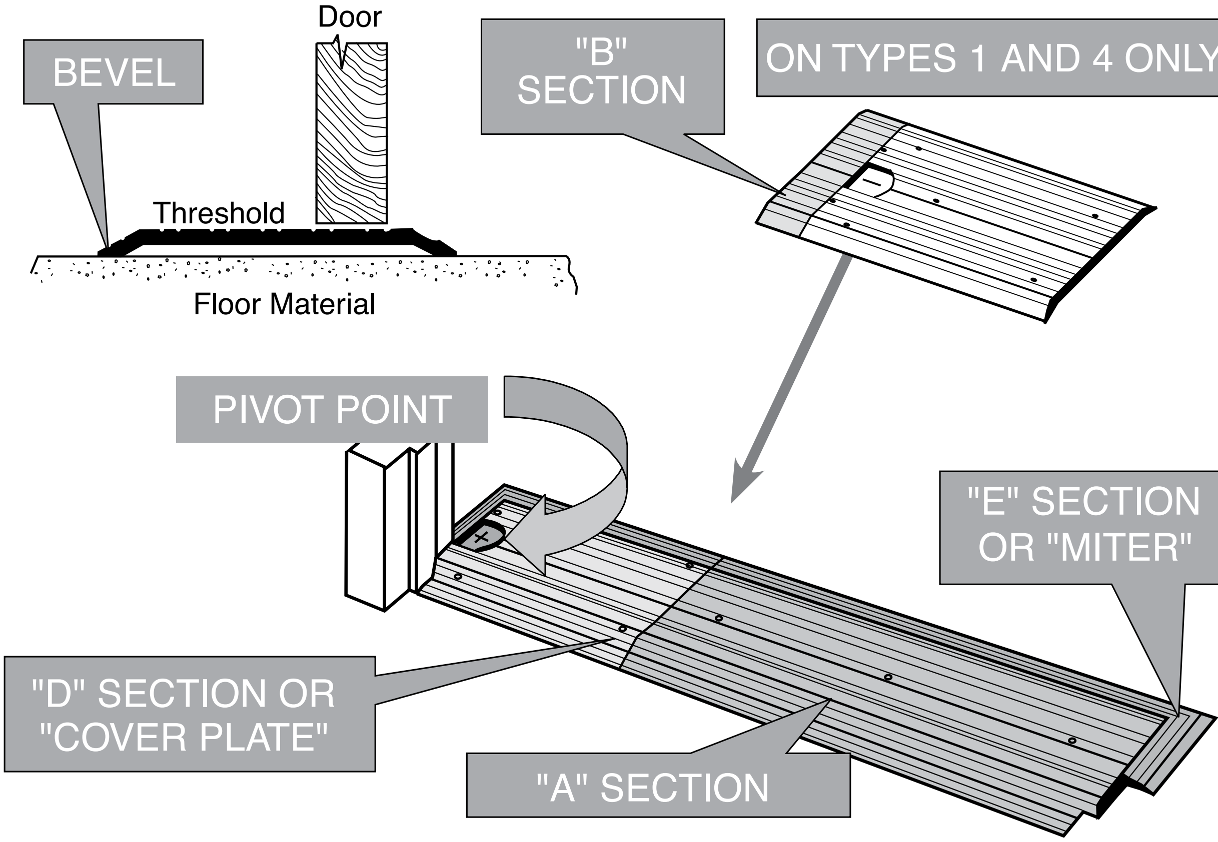
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LIMITED WARRANTY

Rixson® thresholds carry a 2-year warranty for defect. There is no warranty on finish for plated items. See Rixson® Price Book for specific details of the limited warranty.

SPECIFICATIONS

Whenever floor closers are used with thresholds, the threshold must be furnished by the closer manufacturer. This will ensure correct valve locations. All thresholds used with floor closers shall have separate closer cover plate section.

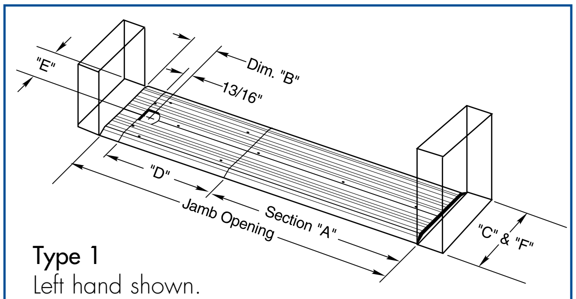

Door
BEVEL
Threshold
Floor Material
"B" SECTION
ON TYPES 1 AND 4 ONLY
PIVOT POINT
"E" SECTION OR "MITER"
"D" SECTION OR "COVER PLATE"
"A" SECTION

TYPE 1

For doors hung in center of frame

- Used with 28, H28, 30, 40, H40 and 50 series floor closers, as well as, pivot sets 117-3/4 and H117-3/4.
- Straight ends standard
- See individual option listings for availability
- Specify length of threshold (jamb to jamb).

Technical Information



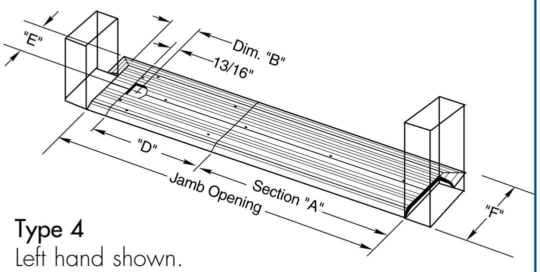
Type 1
Left hand shown.

TYPE 4

For doors hung flush with the frame

- Used with 28, H28, F327, 30, 40, H40, 50 and F5300 series floor closers, as well as, pivot sets 117-3/4 and H117-3/4.
- Mitered returns, standard
- See individual option listings for availability
- Specify length of threshold (jamb to jamb).
- When ordering for F327 or F5300 floor closers, specify hanging means

Technical Information



Type 4
Left hand shown.

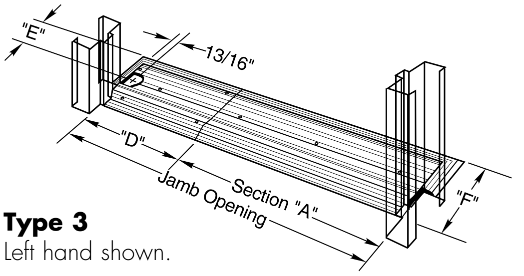
F is the dimension of the A section.

TYPE 3

For doors flush with the frame

- Used with 27, L27, 127, QT27, HM27, 51, QT51 and HM51 series floor closers, as well as, pivot sets 117-1/2 and L117.
- Mitered returns, standard
- See individual option listings for availability
- Specify door thickness
- Specify length of threshold (jamb to jamb).

Technical Information



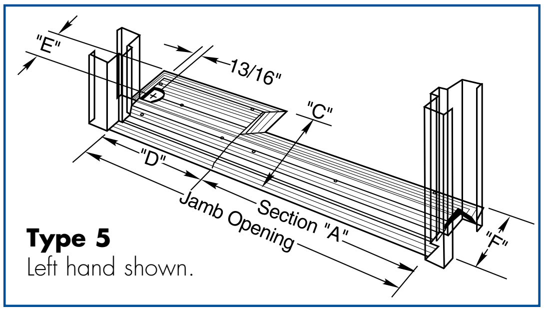
Type 3
Left hand shown.

F dimension is the width of the D section

TYPE 5

Traditional style, for doors flush with the frame. The floor closer cover section is wider than the rest of the threshold.

- Used with 27, L27, 127, QT27, HM27, 51, QT51 and HM51 series floor closers, as well as, pivot sets 117-1/2 and L117.
- Mitered returns, standard
- See individual option listings for availability
- Specify door thickness
- Specify length of threshold (jamb to jamb).

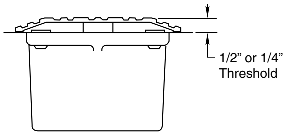


Type 5
Left hand shown.

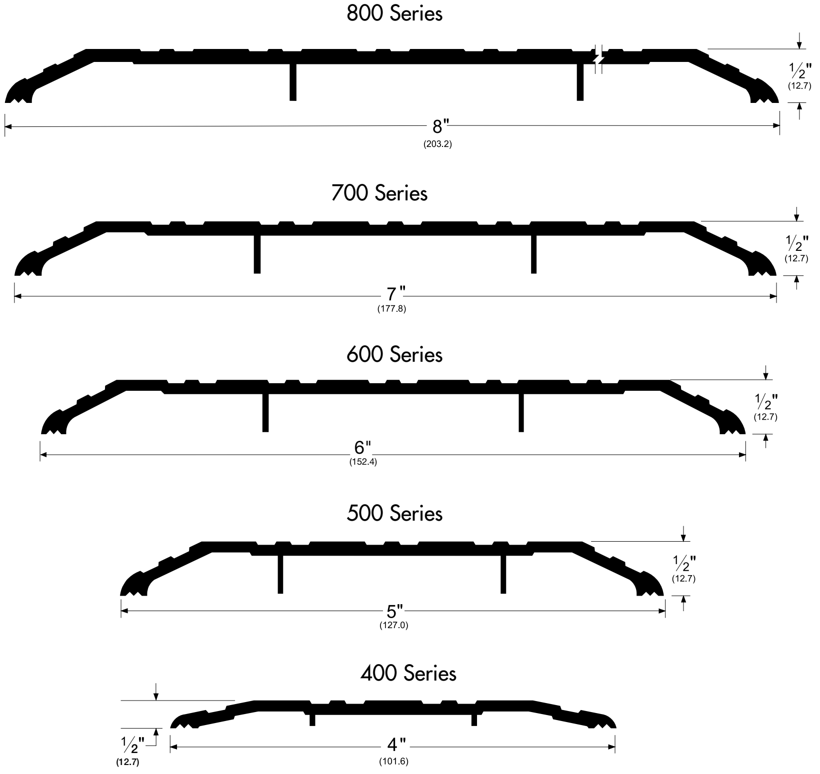
F is the dimension of the A section

The width of the threshold must be sufficient to completely cover the closer.

Aluminum or Bronze

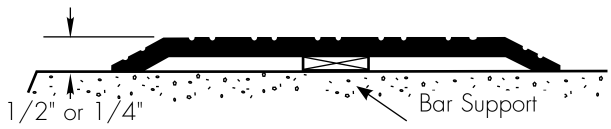


all model closers require 700 or 800 widths



EXTRA WIDE THRESHOLDS

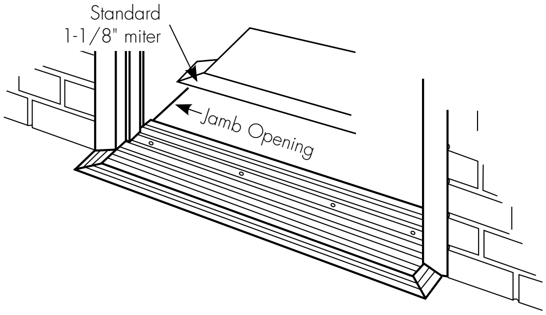
Special widths are available on request. A center bar support is provided as standard. Detailed dimensions required. Not available with Type 5.



RETURN MITERS

Furnished on the pull side of the door. The return miter at the spindle side of the doorway is detachable for easy removal of closer plate section. Four corner miters, to enhance finished appearance, are available upon request.

Technical Information

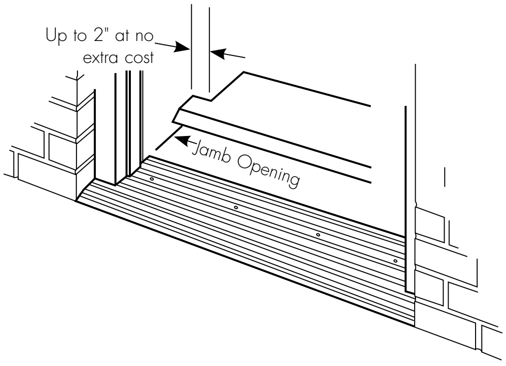


STRAIGHT ENDS

When the threshold abuts a wall at the ends, straight ends up to 2" can be substituted for mitered returns at no additional cost. Provides a continuous, finished appearance.

Extended straight ends available – specify length.

Technical Information



BEVEL CUT THRESHOLDS

Standard width thresholds can be straight rip cut to achieve a flush floor condition. The threshold bevel on the interior side of the door is removed; permits threshold and carpet (or tile) to meet at the same height. A 5/16" bar support (provided) or built-up concrete sill is required. Dimensional details required.

Technical Information

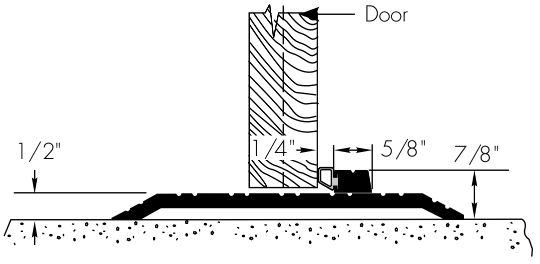


NO. 201 STOP STRIP

Stop strips are furnished at extra cost, when specified. On single acting doors, a stop strip is recommended to serve as a weather seal on the push side at the bottom of the door.

For use on thresholds prepared for all floor and overhead concealed single acting closers. Not available PH. On center hung openings, the stop cannot run across the entire door width. For model 800.

Technical Information

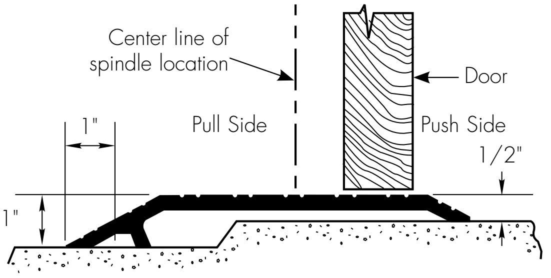


No. 201 Applied Stop Strip

NO. 301 STEP DOWN

Designed to accommodate sill conditions where the floor drops 1/2" below sill height. Add 1" to width of threshold. Step down strip may be applied to either push or pull side of thresholds. Not available on Type 5 thresholds. Not available PH.

Technical Information



No. 301 Step Down Strip

NO. 501 STEP DOWN

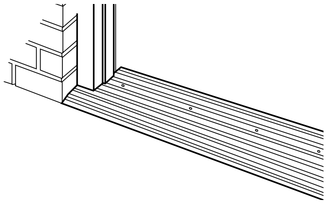
Designed to accommodate sill conditions where the floor drops 1/4" below sill height. Add 1" to width of threshold. Step down strip may be applied to either push or pull side of thresholds. Not available on type 5.

Technical Information



THRESHOLDS FOR OVERHEAD AND SURFACE DOOR CLOSERS

Straight threshold lengths, with or without miters or straight ends, are available for Nos. 700, 800, and 0700 overhead concealed closers, or any manufacturer's surface and overhead concealed closer. When ordering, state **NO CLOSER PREP**.



ANCHORING

Thresholds are drilled for installation. They are furnished with wood screws and lead anchors as standard. If machine screws and expansion shields are required, specify **"MSES."**



MSES



ADJUSTING VALVE FILLERS

Used to keep debris from filling adjusting holes, suffix "**filler**". If ordered separately, specify 11102011. This is for product manufactured after 2010.



LOW RISE THRESHOLDS

Where Rixson's standard ½" height might be a hindrance for access by users with disabilities, a ¼" high version is available on some products. Specify PH.

PH is not available with series 5 thresholds and products with the 201 stop strip.





FINISHES

Thresholds are aluminum or bronze.

When considering thresholds, remember that they are being walked on, rolled over and rained upon. This means that the finish you decide to use can be dramatically affected by those conditions.

The most forgiving base metal is aluminum. Mill aluminum does not tarnish or darken in time. Mill bronze darkens after awhile and the end result is a dark oxidized appearance.

Plated finishes on thresholds are not a good idea. To do a plated finish, a bronze base threshold is plated then lacquered. The first time someone with a pebble in the sole of their shoe walks across the threshold, they will scratch the lacquer, then the plating will wear. This leaves the bronze base metal coming through. The wear patterns will be very noticeable. Plated thresholds are not warranted for finish.

SPECIAL DRAWINGS

If configuration, other than standard, is required, complete detail drawings must be supplied. Allow extra time for approved drawings to be returned. Thresholds will be quoted after factory drawings are approved.

HOW TO ORDER

PH	3	x 700	x 501	x 36	x 1-3/4	x RH	x 27N	x AL
Prefix	Type	Width	Option	Door Opening Width	Door Thickness	Hand	Closer	Finish

Prefix
- Blank = 1/2 high
- PH = 1/4 high (models 700 and 800 only)

Type
- 1 = Center hung
- 3 = Offset hung
- 4 = Center hung
- 5 = Offset hung

Width
- 400 = 4" (*used with #5 or without floor closer*)
- 500 = 5" (*used with #5 or without floor closer*)
- 600 = 6" (*can't be used with #5 or with floor closer*)
- 700 = 7"
- 800 = 8"

Option
- Blank = No options
- 201 = For use with model 800 only
- 301 = Not available in type *5*
- 501 = Not available in type *5*
- No Closer Prep = attaching screw holes only

Hand
- Blank = Pair
- RH = Right hand
- LH = Left hand

Finish

AL	Aluminum
BZ	Bronze
605	Bright Brass
606	Satin Brass
613	Dark Bronze

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ASSA ABLOY Door Security Solutions Canada
160 Four Valley Drive
Vaughan, Ontario, L4K 4T9 Canada
Tel: 800-461-3007
Fax: 800-221-0489

For a complete listing of products and applications please visit our web site.
www.rixson.com
www.assaabloy.ca

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